

# How Can You Order a Ladder?



Solve each system of equations by the addition method. (You may first need to multiply both sides of one equation by  $-1$ .) Find the solution in the coordinate system and notice the letter at that point. Write this letter in each box that contains the exercise number.

1  $3x + y = 17$

$4x - y = 18$

2  $5x + 6y = 13$

$-5x + 2y = 11$

3  $-x - 7y = 18$

$4x + 7y = -30$

4  $4x - 2y = 12$

$-4x - 9y = 54$

5  $x + 3y = 15$

$-8x + 3y = -12$

6  $6x + 15y = -45$

$6x + 5y = -35$

7  $3x + 2y = 0$

$9x - 24 = 2y$

8  $8x = 9 - 5y$

$8x - 3y = -31$

9  $4y + 4 = 7x$

$36 - 4y = 3x$

10  $16x - 5y = -33$

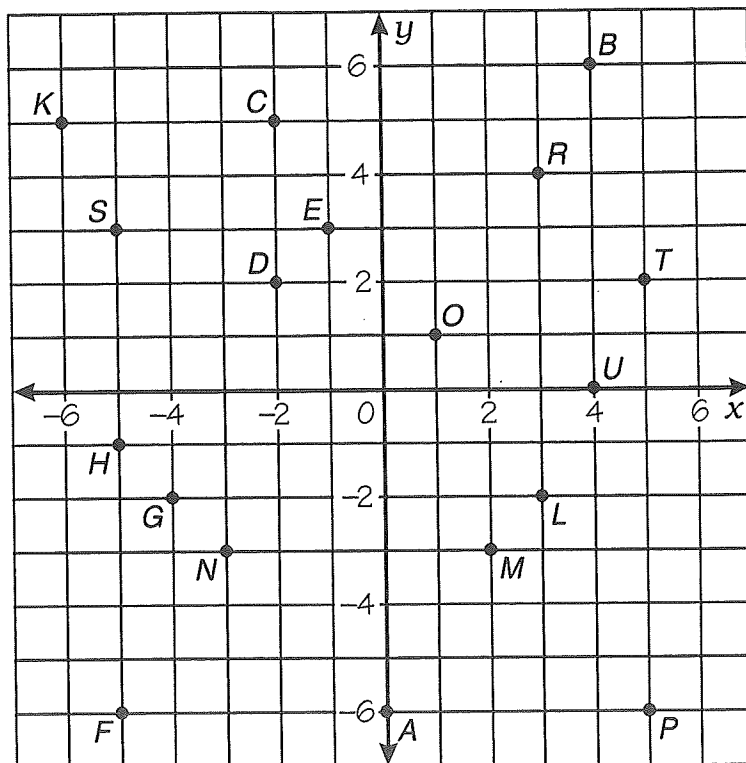
$16x + y = -51$

11  $3x - 10y - 29 = 0$

$-11x - 10y + 13 = 0$

12  $9x + 2y = 36$

$9x + 8y = 36$



8 4 11 11 1 6 2 5 12 10 3 10 12 7 9 2 5